

Customer No. 000959

Case Docket No. MMI-002

12/14/01 JC644 U.S. PTO

THE COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

j1003 U.S. PTO 10/020141 12/14/01

"Express Mail" Mailing Label Number EL 931 674 293 US  
Date of Deposit December 14, 2001  
I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, DC 20231.  
Viriato G. Cardoso  
Signature  
Viriato G. Cardoso  
Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jeanette McCarthy and Allen Abelson

For: Diagnosis and Treatment of Vascular Disease

Enclosed are:

- ☐ This is a request for filing a ☐ continuation ☐ divisional application under 37 CFR 1.53(b), of pending prior application serial no. \_\_\_\_\_ filed on \_\_\_\_\_ entitled \_\_\_\_\_.
- ☒ 102 pages of specification, 32 pages of claims, 1 pages of abstract.
- ☒ 200 sheets of drawings (Figs. 1-14).
- ☒ An Declaration, Petition and Power of Attorney executed by Jeanette McCarthy only.
- ☒ An Assignment to Millennium Predictive Medicine, Inc., executed by Jeanette McCarthy only. A recordation form cover sheet (Form PTO 1595) is also enclosed.
- ☒ Transmittal Letter for Diskette of Sequence Listing.
- ☒ Diskette Containing Sequence Listing.
- ☒ Sequence Listing (231 pgs.)
- ☒ Preliminary Amendment ( 3 pgs. Including Version with Markings to Show Changes Made)
- ☒ Application Data Sheet (3 pages.)
- ☒ Return Postcard

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	////////////////////	
TOTAL CLAIMS	199 - 20	= 179
INDEP. CLAIMS	45- 3	= 42
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference in Col. 2 is less than zero, enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
////////	\$
x 9=	\$
x 42	\$
+140	\$
TOTAL	0

OTHER THAN SMALL ENTITY	
RATE	FEE
////////	\$ 740
x 18=	\$ 3222
x 84	\$ 3528
+280	\$ 280
TOTAL	\$7770.00

- ☐ Please charge my Deposit Account No. 12-0080 in the amount of \$  
A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ \$7770.00 to cover the filing fee is enclosed.



A duplicate copy of this sheet is enclosed.

☒

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By\_

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



**In re the application of:** Jeanette McCarthy, *et al.*

**Serial No.:** Not Yet Assigned

**Filed:** Herewith

**For:** "Diagnosis and Treatment of Vascular Disease"

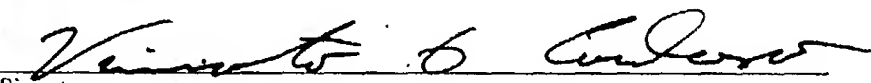
**Attorney Docket No.:** MMI-002

**Commissioner for Patents**  
**Box Sequence**  
**Washington, D.C. 20231**

**TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING**

Dear Sir:


Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. §1.821. The material on this diskette is identical in substance to the sequence listing appearing on pages 1-231, of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. §1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of §1.824(d).

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Signature	Viriato G. Cardoso
Please Print Name of Person Signing	

Date: December 14, 2001

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

By:   
 DeAnn F. Smith, Esq.  
 Reg. No. 36,683  
 Attorney for Applicants